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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB03/04270

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01Q5/00 H01Q9/42 H01Q1/38 H01Q1/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 359 929 A (MURATA MANUFACTURING CO) 5 September 2001 (2001-09-05) the whole document ---	1-8
A	US 2002/067312 A1 (HILGERS ACHIM) 6 June 2002 (2002-06-06) the whole document ---	1-8
A	US 5 581 262 A (KAWAHATA KAZUNARI ET AL) 3 December 1996 (1996-12-03) the whole document -----	1-8



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

12 December 2003

Date of mailing of the international search report

23/12/2003

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INTERNATIONAL SEARCH REPORT

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